

## MELAMINE FACED BOARD PANOPREY®



Interior Fitting



**NEW CONSTRUCTION**  
 **REFURBISHMENT**

**LEED v4 - Building Design and Construction (BD+C)**  
 Office (O) - Retail (R) - Hospitality (Ho) - Healthcare (He)

The technical scheme of the certification encompasses the requirements relating to the project itself (its implementation, function, architectural design...) and to the materials, products and equipment within it. Depending on the certification, the table here below shows how the Polyrey product fulfils the requirements and with which level of performance. The following pages outline each of the requirements, and details how the Polyrey product is concerned and answers them. At the end of the document you will find a clickable link allowing access to the documentary proofs.

Credit category		Credit	Requirement - Polyrey product contribution	Points
 <b>MR</b> MATERIALS AND RESOURCES	<b>Building Product Disclosure and Optimization - Environmental Product Declarations</b>	Option 1 - Environmental Product Declaration (EPD) - Product with conform life cycle analysis	1 pt	
	<b>Building Product Disclosure and Optimization - Sourcing of Raw Materials</b>	Option 2 - Leadership extraction practice - Product made from PEFC™ ou FSC® certified wood	1 pt	
	<b>Furniture and medical furnishings</b>	Option 1 - Minimal chemical content and/or Option 2 - Testing and Modeling of Chemical Content - Chemically inert material	He : Up to 2 pts	
		Option 3 - Multi-Attribute Assessment of Products - Product made from PEFC™ ou FSC® certified wood and with a conform life cycle analysis	He : Up to 2 pts	
 <b>EQ</b> INDOOR ENVIRONMENTAL QUALITY	<b>Low-emitting materials</b>	Option 1 - Product category calculations or Option 2 - Budget calculation method - Product respecting TVOC and formaldehyde emissions thresholds	Up to 3 pts	
	<b>Interior lighting</b>	Option 2 - Lighting quality - Product easing natural lightening	O : 1 pt Ho : 1 pt	



# MR - MATERIALS AND RESOURCES

Criterion	Requirement - Polyrey product contribution - Documentation	
<b>Building Product Disclosure and Optimization - Environmental Product Declarations</b> Option 1 - Environmental Product Declaration (EPD)	<b>USE A CERTAIN NUMBER OF PRODUCTS WITH AN ENVIRONMENTAL DECLARATION IN COMPLIANCE WITH THE REFERENCE CRITERIA.</b>	
	1 pt	<p><b>Product with conform life cycle analysis</b>                      Indirect influence: Polyrey has carried out Life Cycle Analysis (LCA) for PANOPREY® in compliance with the NF EN 15804:2012+A1:2014 standard on collective environmental declarations.</p> <ul style="list-style-type: none"> <li>• ATT - FDES - Panoprey - Qualite Standard - FR</li> <li>• ATT - FDES - Panoprey - Qualite Hydrofuge - FR</li> <li>• ATT - EPD - Panoprey - Standard Qualite - EN</li> <li>• ATT - FDES - Panoprey - Moisture resistant Quality EN</li> </ul>
<b>Building Product Disclosure and Optimization - Sourcing of Raw Materials</b> Option 2 - Leadership extraction practice	<b>USE A CERTAIN NUMBER OF PRODUCTS FROM RESPONSIBLE SUPPLY SOURCES (5 CRITERIA TO CHOOSE FROM).</b>	
	1 pt	<p><b>Product made from PEFC™ or FSC® certified wood</b>                      PANOPREY® is:                      - 85% composed of an anhydrous wood core from the following sources: 20% roundwood (twigs, branches, downgraded logs), 37% related products (chips, particles) from other woodworking industries (sawmills, joineries, furniture makers, etc.), 43% secondary raw materials for recycling (chips from wood waste shredding).                      - All our products can be either PEFC™ (10-34-97) or FSC® CW (C068151) certified on request, guaranteeing that the wood and raw materials used come from sustainably and responsibly managed forests (Depending on the certification of our suppliers, while stocks last)                      It is therefore included in the calculation of the volume of wood used in the structure, with reference to the order of 13 September 2010 establishing the method for calculating the volume of wood used in certain constructions.</p> <p>Moreover, Polyrey has one production plant in France : Ussel (19).</p> <ul style="list-style-type: none"> <li>• ATT - PEFC - Certificat - EN Panoprey - Qualite Standard - FR</li> <li>• ATT - FSC Certificate - EN</li> <li>• ATT - European Timber regulations RBUE - FR - EN</li> </ul>
<b>Furniture and medical furnishings</b> Option 1 - Minimal chemical content and / or Option 2 - Testing and Modeling of Chemical Content	<b>ALL COMPONENTS COMPRISING AT LEAST 5% OF THE WEIGHT OF A FURNISHING MUST CONTAIN LESS THAN 100 PPM OF AT LEAST 4 OF THE 5 CHEMICAL GROUPS.</b>	
	He : Up to 2 pts	<p><b>Chemically inert material</b>                      Direct influence: PANOPREY®:                      - 0% heavy metals including mercury, cadmium, lead and antimony;                      - 0% hexavalent chromium and other regulated substances in compliance with the European Directive 2011/65/EU (EU RoHS);                      - 0% pentachlorophenol                      - 0% protective products (e.g. lacquer, varnish etc.)                      As for all its products, PANOPREY® contains no chemical substances included in the candidate list of Substances of Very High Concern - SVHC - in concentrations higher than 0.1% of the mass.</p> <ul style="list-style-type: none"> <li>• ATT - Certificate of compliance REACH - FR - EN</li> <li>• ATT - Certificate of compliance RoHS - FR - EN</li> <li>• ATT - Certificate of compliance - Panoprey - Fire retardant Fiber board - FR - EN</li> <li>• ATT - Certificate of compliance - Panoprey - Fire retardant faced board - FR - EN</li> </ul>
<b>Furniture and medical furnishings</b> Option 3 - Multi-Attribute Assessment of Products	<b>USE PRODUCTS THAT MEET ONE OF THE FOLLOWING CRITERIA:                      - COMPLIANT ENVIRONMENTAL DECLARATION                      - RESPONSIBLE SUPPLY</b>	
	He : Up to 2 pts	<p><b>Product made from PEFC™ or FSC® certified wood and with a conform life cycle analysis</b>                      Direct influence: Polyrey has carried out Life Cycle Analysis (LCA) for PANOPREY® in compliance with the NF EN 15804:2012+A1:2014 standard on collective environmental declarations.                      All our products can be either PEFC™ (10-34-97) or FSC® CW (C068151) certified on request*, guaranteeing that the wood and raw materials used come from sustainably and responsibly managed forests.                      *Depending on the certification of our suppliers, while stocks last</p> <ul style="list-style-type: none"> <li>• ATT - FDES - Panoprey - Qualite Standard - FR</li> <li>• ATT - FDES - Panoprey - Qualite Hydrofuge - FR</li> <li>• ATT - EDPD - Panoprey - Standard quality - EN</li> <li>• ATT - EDPD - Panoprey - Moisture resistant quality - EN</li> <li>• ATT - PEFC Certificate - EN</li> <li>• ATT - FSC Certificate - EN</li> <li>• ATT - European Timber regulations RBUE - FR - EN</li> </ul>



# EQ - INDOOR ENVIRONMENTAL QUALITY

Criterion	Requirement - Polyrey product contribution - Documentation													
<b>Low-emitting materials</b> Option 1 - Product category calculations or Option 2 - Budget calculation method	<b>RESPECT THE STANDARD METHOD V1.1-2010 F REQUIREMENTS FOR THE WALL / CEILING CLADDING PRODUCTS.</b>													
	Up to 3 pts	<b>Product respecting TVOC and formaldehyde emissions thresholds.</b> In the framework of the French VOC label, Polyrey measures VOC emissions from its products in accordance with the ISO 16000 standard. PANOPREY® has received the following classification:												
		<table border="1"> <thead> <tr> <th></th> <th>COVT</th> <th colspan="2">FORMALDEHYDE</th> </tr> <tr> <th></th> <th colspan="3">MAXIMUM CONCENTRATIONS (µg/m³) - MEASURED AFTER 28 DAYS</th> </tr> </thead> <tbody> <tr> <td>PANOPREY® CHIPBOARD - STANDARD QUALITY</td> <td>&lt; 1000 190 µg/m³</td> <td>A +</td> <td>&lt; 10 8,6 µg/m³</td> </tr> </tbody> </table>		COVT	FORMALDEHYDE			MAXIMUM CONCENTRATIONS (µg/m³) - MEASURED AFTER 28 DAYS			PANOPREY® CHIPBOARD - STANDARD QUALITY	< 1000 190 µg/m³	A +	< 10 8,6 µg/m³
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PANOPREY® CHIPBOARD - STANDARD QUALITY	< 1000 190 µg/m³	A +	< 10 8,6 µg/m³											
<ul style="list-style-type: none"> <li>• <a href="#">PV - Report of classification COV - Panoprey - Chipboard - Standard quality - FR-EN</a></li> </ul>														
<b>Interior lighting</b> Option 2 - Lighting quality	<b>CHOOSE 4 OF THE 8 SOLUTIONS AVAILABLE WHICH GUARANTEE QUALITY LIGHTING.</b>													
	0 : 1 pt Ho : 1 pt	<b>Product easing natural lighting</b> Indirect influence: The daylight factor calculation takes account of different factors including the light reflectance value of floors, walls and ceilings. With its large range of over 180 decors (plain, wood, materials), PANOPREY® contributes to obtaining excellent daylight factor percentages: Its light reflectance values range from 0.04 for the N005 Black decor to 0.86 for the B117 Artic White decor.												
<ul style="list-style-type: none"> <li>• <a href="#">DOC - Light Reflectance Values</a></li> </ul>														

MY EXPERT



Environmental advice

Do not hesitate to contact us. Our team is at your disposal to advise and support you.

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DOWNLOAD ALL DOCUMENTARY PROOFS HERE :

